

**THE
DOE RUN
COMPANY**

Remediation Group

Mark Nations
Mining Properties Manager
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January 10, 2014

Mr. Jason Gunter
Remedial Project Manager
U.S. Environmental Protection Agency
Region 7 - Superfund Branch
11201 Renner Blvd.
Lenexa, KS 66219

Re: The Doe Run Company – Big River Mine Tailings Site Quarterly Progress Report

Dear Mr. Gunter:

As required by Article XV, Section 55 of the Administrative Order on Consent (Docket No. VII-94-F-0015) for the referenced project and on behalf of The Doe Run Company, the progress report for the period October 1, 2013 through December 31, 2013 is enclosed. If you have any questions or comments, please call me at 573-518-0800.

Sincerely,



Mark Nations
Mining Properties Manager

Enclosure

c: Mark Yingling – TDRC (electronic only)
Matt Wohl – TDRC (electronic only)
Robert Hinkson – MDNR
Brandon Wiles – MDNR
Ty Morris – Barr Engineering

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Big River Mine Tailings Site
Desloge, Missouri
Quarterly Progress Report
Period: October 1, 2013 – December 31, 2013

1. Actions Performed or Completed This Period:

- a. Representatives from Doe Run monitored the three well points and took water level readings from the two monitoring wells installed as part of the "Action Plan for Tailings Movement Observed on the Big River Site 6 Slope."
- b. Vegetation maintenance activities, including the use of biosolids, continued on portions of the site that were vegetated during the completion of removal action activities.
- c. Work resumed on the Site 6 and Site 7 Construction Completion Reports.
- d. Work began on the Post-Removal Site Control Plan for the entire site.

2. Data and Results Received This Period:

- a. No indication of water in the well points was identified during the checks of the well points. Rods in the well points have mold growing on them.
- b. Groundwater elevations in the two monitoring wells continue to fluctuate very little.
- c. During the month of October, 3.27 inches of precipitation was recorded at the site over 11 different events. The largest event was 0.80 inch over a 4-hour period, which is not large enough to qualify as a rainfall frequency event.
- d. During the month of November, 1.39 inches of precipitation was recorded at the site over 8 different events. The largest event was 0.76 inch over a 10-hour period, which is not large enough to qualify as a rainfall frequency event.
- e. Precipitation data for the month of December was unavailable at the time this progress report was developed.

3. Scheduled Activities not Completed This Period:

- a. None.

4. Planned Activities for Next Period:

- a. Doe Run staff will continue to check the well points for indications of a shallow water table and take water level readings from the monitoring wells.
- b. Work will continue on the Site 6 and Site 7 Construction Completion Reports. It is anticipated that these documents will be submitted to EPA for comment during the next period.
- c. Work on the Post-Removal Site Control Plan for the entire site will continue.

5. Changes in Personnel:

- a. None.

6. Issues or Problems Arising This Period:

- a. None.

7. Resolution of Issues or Problems Arising This Period:

- a. None.